

Table of Contents

CHAPTER I: OVERVIEW OF THIS PLAN AND ITS DEVELOPMENT	1
1 INTRODUCTION	1
1.1 GOALS AND GUIDING PRINCIPLES.....	2
1.1.1 <i>Federal Emergency Management Agency Philosophy</i>	2
1.1.2 <i>Additional State and Federal Guidelines Adopted</i>	2
1.1.2.1 National Fire Plan	3
1.1.2.2 Idaho Statewide Implementation Strategy.....	4
1.1.2.2.1 County Wildland Fire Interagency Group	5
1.1.2.3 National Association of State Foresters	6
1.1.2.3.1 Identifying and Prioritizing Communities at Risk.....	6
1.1.2.3.2 Conceptual Approach.....	7
1.1.2.4 Healthy Forests Restoration Act	8
1.1.3 <i>Local Guidelines and Integration with Other Efforts</i>	9
1.1.3.1 Lewis County Fire Mitigation Planning Effort and Philosophy	9
1.1.3.1.1 Mission Statement.....	9
1.1.3.1.2 Vision Statement	9
1.1.3.1.3 Goals	9
CHAPTER 2: DOCUMENTING THE PLANNING PROCESS	10
2 INITIATION	10
2.1 DESCRIPTION OF THE PLANNING PROCESS	10
2.2 THE PLANNING TEAM	10
2.2.1 <i>Multi-Jurisdictional Participation</i>	11
2.3 PUBLIC INVOLVEMENT.....	12
2.3.1 <i>News Releases</i>	12
2.3.1.1 Newspaper Articles	12
2.3.2 <i>Public Mail Survey</i>	13
2.3.2.1 Survey Results	13
2.3.2.2 Discussion of the Survey Results	16
2.3.3 <i>Committee Meetings</i>	17
2.3.3.1 Committee Meetings	18
2.3.4 <i>Public Meetings</i>	18
2.3.5 <i>Documented Review Process</i>	25
2.3.6 <i>Continued Public Involvement</i>	26
CHAPTER 3: LEWIS COUNTY CHARACTERISTICS	27
3 BACKGROUND AND AREA DESCRIPTION.....	27
3.1 DEMOGRAPHICS	27
3.2 SOCIOECONOMICS	30
3.2.1 <i>Forestry, Agriculture, and Logging</i>	32
3.2.2 <i>Recreation</i>	33
3.2.3 <i>Resource Dependency</i>	33
3.2.4 <i>Development Trends</i>	34
3.3 CULTURAL RESOURCES	34
3.4 TRANSPORTATION & INFRASTRUCTURE.....	36
3.5 VEGETATION & CLIMATE	37
3.5.1 <i>Monthly Climate Summaries in Lewis County</i>	38
3.5.1.1 Craigmont, Idaho (102246).....	38
3.5.1.2 Kamiah, Idaho (104793)	38
3.5.1.3 Nezperce, Idaho (106424).....	39
3.5.1.4 Winchester, Idaho (109846).....	39
3.5.2 <i>Ecosystems</i>	40
3.6 SOILS	41
3.6.1 <i>Physiography</i>	41

3.6.2	<i>Soil Map Unit Descriptions</i>	41
3.6.2.1	Soils on Dissected Alluvial Terraces	41
3.6.2.1.1	Chard	41
3.6.2.2	Soils on Plateaus	41
3.6.2.2.1	Broadax-Oliphant	41
3.6.2.2.2	Naff-Palouse-Thatuna	42
3.6.2.2.3	Uhlorn-Nez Perce	42
3.6.2.2.4	Southwick-Driscoll-Larkin	42
3.6.2.2.5	Taney-Setters	43
3.6.2.2.6	Joel-Boles	43
3.6.2.2.7	Cramont-Talmaks	43
3.6.2.2.8	Shilla-Seddow-Larabee	43
3.6.2.3	Soils on Canyonsides	44
3.6.2.3.1	Lickskillet-Limekiln-Crowers	44
3.6.2.3.2	Kettenbach-Linville	44
3.6.2.3.3	Klickson-Hooverton	44
3.6.2.3.4	Johnson-Dragnot	45
3.7	HYDROLOGY	45
3.8	AIR QUALITY	46
3.9	WILDLAND-URBAN INTERFACE	47
3.9.1	<i>People and Structures</i>	47
CHAPTER 4: RISK AND PREPAREDNESS ASSESSMENTS		51
4	OVERVIEW	51
4.1	WILDLAND FIRE CHARACTERISTICS	51
4.1.1	<i>Weather</i>	51
4.1.2	<i>Topography</i>	51
4.1.3	<i>Fuels</i>	52
4.2	WILDFIRE HAZARDS	52
4.2.1	<i>Wildfire Ignition Profile</i>	52
4.2.2	<i>Wildfire Extent Profile</i>	76
4.2.2.1	Milepost 59 Fire, August 14, 2003	79
4.3	WILDFIRE HAZARD ASSESSMENT	80
4.3.1	<i>Fire Prone Landscapes</i>	80
4.3.2	<i>Fire Regime Condition Class</i>	84
4.3.3	<i>Predicted Fire Severity</i>	86
4.3.3.1	Purpose	86
4.3.3.2	General Limitations	87
4.3.4	<i>On-Site Evaluations</i>	87
4.3.5	<i>Fuel Model Descriptions</i>	87
4.3.5.1	Grass Group	88
4.3.5.1.1	Fire Behavior Fuel Model 1	88
4.3.5.1.2	Fire Behavior Fuel Model 2	88
4.3.5.1.3	Fire Behavior Fuel Model 3	88
4.3.5.2	Shrub Group	89
4.3.5.2.1	Fire Behavior Fuel Model 4	89
4.3.5.2.2	Fire Behavior Fuel Model 5	89
4.3.5.2.3	Fire Behavior Fuel Model 6	89
4.3.5.2.4	Fire Behavior Fuel Model 7	90
4.3.5.3	Timber Group	90
4.3.5.3.1	Fire Behavior Fuel Model 8	90
4.3.5.3.2	Fire Behavior Fuel Model 9	91
4.3.5.3.3	Fire Behavior Fuel Model 10	91
4.3.5.4	Logging Slash Group	92
4.3.5.4.1	Fire Behavior Fuel Model 11	92
4.3.5.4.2	Fire Behavior Fuel Model 12	92
4.3.5.4.3	Fire Behavior Fuel Model 13	92
4.4	LEWIS COUNTY CONDITIONS	93
4.4.1	<i>County-Wide Potential Mitigation Activities</i>	94
4.4.1.1	Prevention	94

4.4.1.2	Education	95
4.4.1.3	Readiness	95
4.4.1.4	Building Codes	95
4.5	LEWIS COUNTY'S WILDLAND-URBAN INTERFACE.....	96
4.5.1	<i>Mitigation Activities Applicable to all Communities</i>	96
4.5.1.1	Homesite Evaluations and Creation of Defensible Space	96
4.5.1.2	Travel Corridor Fire Breaks.....	97
4.5.1.3	Power Line Corridor Fire Breaks.....	97
4.6	COMMUNITIES IN LEWIS COUNTY	97
4.6.1	<i>Vegetative Associations</i>	97
4.6.2	<i>Overall Fuels Assessment</i>	98
4.6.3	<i>Individual Community Assessments</i>	98
4.6.3.1	Craigmont	98
4.6.3.1.1	Wildfire Potential	98
4.6.3.1.2	Ingress-Egress	99
4.6.3.1.3	Infrastructure	99
4.6.3.1.4	Fire Protection.....	100
4.6.3.1.5	Community Risk Assessment.....	100
4.6.3.1.6	Mitigation Activities	100
4.6.3.2	Forest	100
4.6.3.2.1	Wildfire Potential	100
4.6.3.2.2	Ingress-Egress	101
4.6.3.2.3	Infrastructure	102
4.6.3.2.4	Fire Protection.....	102
4.6.3.2.5	Community Risk Assessment.....	102
4.6.3.2.6	Mitigation Activities	102
4.6.3.3	Kamiah.....	103
4.6.3.3.1	Fire Potential	103
4.6.3.3.2	Ingress-Egress	104
4.6.3.3.3	Infrastructure	104
4.6.3.3.4	Fire Protection.....	105
4.6.3.3.5	Community Assessment.....	105
4.6.3.3.6	Mitigation Activities	105
4.6.3.4	Nezperce	106
4.6.3.4.1	Fire Potential	106
4.6.3.4.2	Ingress-Egress	107
4.6.3.4.3	Infrastructure	107
4.6.3.4.4	Fire Protection.....	107
4.6.3.4.5	Community Assessment.....	107
4.6.3.4.6	Mitigation Activities	107
4.6.3.5	Reubens.....	108
4.6.3.5.1	Fire Potential	108
4.6.3.5.2	Ingress-Egress	109
4.6.3.5.3	Infrastructure	109
4.6.3.5.4	Fire Protection.....	109
4.6.3.5.5	Community Assessment.....	109
4.6.3.5.6	Mitigation Activities	110
4.6.3.6	Winchester	110
4.6.3.6.1	Fire Potential	111
4.6.3.6.2	Ingress-Egress	112
4.6.3.6.3	Infrastructure	112
4.6.3.6.4	Fire Protection.....	112
4.6.3.6.5	Community Assessment.....	112
4.6.3.6.6	Mitigation Activities	112
4.7	FIRE FIGHTING RESOURCES AND CAPABILITIES	114
4.7.1	<i>Wildland Fire Districts</i>	114
4.7.1.1	Idaho Department of Lands, Craig Mountain Area	114
4.7.1.2	Idaho Department of Lands, Maggie Creek Area.....	115
4.7.2	<i>Rural Fire Districts</i>	117
4.7.2.1	Craigmont Volunteer Fire Department.....	117
4.7.2.2	Kamiah Volunteer Fire Department.....	119
4.7.2.3	Nezperce Volunteer Fire Department.....	121

4.7.2.4	Winchester Volunteer Fire Department	122
4.7.2.5	Additional Entities with Fire Response Capabilities in the Area	124
4.8	ISSUES FACING LEWIS COUNTY FIRE PROTECTION	125
4.9	CURRENT WILDFIRE MITIGATION ACTIVITIES IN LEWIS COUNTY	129
4.9.1	<i>Nez Perce Tribe Activities.....</i>	129
4.9.2	<i>Fuel Breaks near Forest</i>	129
4.9.3	<i>New Sheriff Repeater Tower.....</i>	129
4.9.4	<i>Student Conservation Corps – Fire Education Team</i>	130
CHAPTER 5: TREATMENT RECOMMENDATIONS		132
5	ADMINISTRATION & IMPLEMENTATION STRATEGY	132
5.1	PRIORITIZATION OF MITIGATION ACTIVITIES.....	132
5.1.1	<i>Prioritization Scheme</i>	133
5.1.1.1	Benefit / Cost	134
5.1.1.2	Population Benefit	134
5.1.1.3	Property Benefit	134
5.1.1.4	Economic Benefit.....	135
5.1.1.5	Vulnerability of the Community	135
5.1.1.6	Project Feasibility (Environmentally, Politically & Socially).....	135
5.1.1.7	Hazard Magnitude/Frequency	135
5.1.1.8	Potential for repetitive loss reduction.....	135
5.1.1.9	Potential project effectiveness and sustainability	136
5.1.1.10	Final ranking.....	136
5.2	POSSIBLE FIRE MITIGATION ACTIVITIES	136
5.3	WUI SAFETY & POLICY	137
5.4	PEOPLE AND STRUCTURES	138
5.5	INFRASTRUCTURE	145
5.6	RESOURCE AND CAPABILITY ENHANCEMENTS	146
5.7	REGIONAL LAND MANAGEMENT RECOMMENDATIONS.....	148
CHAPTER 6: SUPPORTING INFORMATION.....		149
6	149
6.1	LIST OF TABLES	149
6.2	LIST OF FIGURES	151
6.3	LIST OF PREPARERS	151
6.4	SIGNATURE PAGES.....	152
6.4.1	<i>Cooperators</i>	152
6.4.2	<i>Resolution of Adoption by Lewis County Commissioners.....</i>	154
6.4.3	<i>Representatives of City Government in Lewis County.....</i>	155
6.4.3.1	<i>Resolution of the City Council of Kamiah</i>	156
6.4.3.2	<i>Resolution of the City Council of Nezperce.....</i>	157
6.4.3.3	<i>Resolution of the City Council of Winchester</i>	158
6.4.3.4	<i>Resolution of the City Council of Craigmont.....</i>	159
6.5	GLOSSARY OF TERMS	160
6.6	LITERATURE CITED.....	167